

In the Claims:

The current claim set of the application is presented below. Indications as to the status of the claims (“original”, “currently amended”, “canceled”, “new”, etc.) appear in parentheses after the claim number. Deletions are identified in bold with double brackets and strikethrough (e.g. ~~[[deletion]]~~) and new text is identified in bold with underlining (e.g. **new language**).

Claims 1-88 (canceled).

89. (Currently Amended) An implantable brain stimulation lead comprising:
a substantially cylindrical lead body having a proximal end, a distal end, and a plurality
of substantially ring-like electrodes each having an arc or circumference
extending substantially around the lead body; and
an electrically insulating member extending over at least a portion of the lead body to
cover at least covered portions of the circumference of the electrodes, and
defining a plurality of windows that expose exposed portions of the circumference
of the electrode, thereby increasing directionality of stimulation current delivered
by the electrode, **wherein the insulating member is formed as a sleeve-like
member that extends over a portion of the lead body;**
wherein at least two windows are defined at different axial and circumferential positions
about the lead body.

90. (Canceled).

91. (Previously Presented) The lead of claim 89, wherein the insulating member is
coated onto the lead body to define the window.

92. (New) The lead of claim 89, wherein the sleeve-like member has a generally
tubular configuration defining a lumen for receiving the lead body.

93. (New) The lead of claim 92, wherein the sleeve-like member is molded to define the plurality of windows.

94. (New) The lead of claim 92, wherein the sleeve-like member is cut to define the plurality of windows.

95. (New) The lead of claim 89, wherein each electrode extends approximately 360 degrees about the lead body.

96. (New) The lead of claim 89, wherein the lead body includes four electrodes, and the insulating member defines four windows.

97. (New) The lead of claim 89, wherein the window has a shape selected from the group consisting of a rectangle, square, oval and circle.

98. (New) The lead of claim 97, wherein the window has a shape selected from the group consisting of a rectangle and a square.

99. (New) The lead of claim 97, wherein the window has a shape selected from the group consisting of an oval and a circle.

100. (New) The lead of claim 99, wherein the insulating sleeve-like member has a generally tubular configuration defining a lumen for receiving the lead body.

101. (New) The lead of claim 101, wherein the sleeve-like member is molded to define the window.

102. (New) The lead of claim 101, wherein the sleeve-like member is cut to define the window.

103. (New) The lead of claim 89, wherein the lead body has a diameter of approximately 1.1 to 1.5 mm and the electrode has a length, extending longitudinally relative to the lead body, of approximately 1.3 to 1.7 mm.